

THE TECH

VOL. XXVII. No. 69

BOSTON, MASS., FRIDAY, APRIL 10, 1908

PRICE THREE CENTS

TECH TENNIS CHAMPIONSHIP TOURNAMENT THIS SPRING.

TRIALS FOR INTERCOLLEGIATES.

Changes in Eligibility Rules for Tech Entries. Prizes Offered.

(By Langdon Coffin.)

It has been decided to hold a spring tennis tournament this year for the purpose of getting an idea of the men who will represent Tech in the New England intercollegiate lawn tennis tournament which will take place the last of May. By an amendment to the constitution of the N. E. I. L. T. A. two changes in the eligibility rules have been made.

"Resolved, That no one shall be eligible to compete for the annual tournament of the N. E. I. L. T. A. who

1. has graduated from any college, or

2. has played four years in collegiate tennis contests."

Since the spring tournament is to give some idea of the makeup of the team only men who are eligible to the N. E. I. L. T. A. tournament to represent Tech in the championship matches will be allowed to take part.

The same conditions of play that hold in the fall tournament will exist and prizes will be given to the winner and runner up in the singles and the winning team in the doubles.

It is urged that as many men enter as possible, for this will be the only chance of determining their ability. The entrance fee is 50 cents for the singles and one dollar per team in the doubles. The entries will close at 4 P. M. Tuesday, April 14, and may be left at the Cage for the manager. Posting of the changes will be made in the tennis rack in Rogers on Wednesday morning and the matches should be played as soon as possible.

LOVE AND MATCHMAKING APLENTY IN SHOW STORY.

HIELD VERY EFFECTIVE.

Schofield also Good. Fun and Interest in Intrigues.

Cast and chorists of the Tech Show are putting on the finishing touches, preparatory to giving the dress rehearsal which will be held now in a day or two.

One of the prettiest pieces of music in the play is in the song "Pouring Tea" which Hield and Jacobs sing. Hield is good at making love and the piece is quite effective. The rest of the cast are all interested in this number, and when it is over they take the humps of sugar used in it and make dice of them.

Billy Schofield meanders through his part in his own way, and makes a fine match for Herold in the part of Stella Starling. His lovemaking is very far from the Sentimental Tommy type, and his manner cannot be imitated. Malcolm as Fred Willdermine plays his part well, and is consistent throughout, never forgetting himself nor losing his natural manner.

The story of the play is well carried out. Bob Willdermine, a Tech graduate and heir to millions is about to start on a European trip with a few classmates, among them Dick Nordling, Helen Sealytle, with a matching mother, tries to secure his hand, but he cares nothing for any girl, and less for her. For different reasons and by different means, Stella Starling and Dick Nordling to whom she is engaged, also Bob's uncle and Mr. Starling try to effect a match between Bob and Margery Starling, Stella's sister, who is something of a manhater.

There is a good deal of fun and interest in the schemes of the match makers, and the actions of Helen Sealytle, who, attractive as she is with Beklen playing the part, cannot cap-

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SPRING MEET TOMORROW GIVES PROMISE OF GOOD PERFORMANCES IN ALL THE EVENTS.

WARM WEATHER HAS ALLOWED EARLIER WORK THAN IS USUAL.

Relay Candidates have been Working for Some Time and the Best Work can be Expected in the Middle Distances.

Better performances than are usual at this time of year can be expected at the spring meet tomorrow. This fact is due to the fact that the weather lately has been rather warm and it has enabled the men to do more work than would otherwise have been possible.

For some time the men have been working at the Field and considerable progress has been made in most of the events. The middle distance men have done more work than any of the others. This has been because of the practice for the relay team.

In the quarter mile will appear practically the squad that has been out for the team. There will be among others Gimson, Blackburn, Salisbury, White, Lockett, Hart, Cummings, and Ruggles. The best men seem at the present time to be Gimson, Salisbury and Blackburn though White has been coming up very well lately.

Some good work can also be expected in the two mile in which a great number have entered. The list includes most all of the cross country men together with the new men who have been doing distance work. There will appear on the mark Howland, the former cross country captain who won the inter-course run last Saturday, Callaway, another former leader of the same team, and Ellis, the present head of the aggregation. Such an entry list should insure the making of fast time. They will be well pushed by most of the other members of the cross country team. In this race there will probably be more contestants than in any of the other events of the day.

A fine line of short distance men will come together in the dashes and it is hard indeed to predict what will be the outcome of either of the races. A large number of men have been doing about the same quality of work though the chances seem to favor Seligman, the captain of the freshman relay team. He has been doing constant work ever since the beginning of the season. Gram the two-twenty champion will be handicapped by the fact that he has only been out for practice a very few times this season. The other place winner should be Karl Fernstrom.

As is usual in the hurdle events the entry list is very small, only three men having as yet indicated their intention of going in each of the events. In both of them Fernstrom will appear. He will have to run in the race over the high sticks against Cummings and Bell. The latter has been doing very good work recently. In the low hurdles Fernstrom will meet on the starting line Cummings and Kerr.

The pole vault will be one of the most interesting events of the day as there will meet in it for the first time this year in outdoor competition. Captain Orr and Schobinger, the Chicago star who was prevented from competing last season by the one year eligibility rule. He has been showing excellent form lately and may be depended upon to push the former champion to the limit. Another man to be counted in on the spoils of the contest is Salisbury, the freshman vaulter.

The hammer throwers have been doing more work recently than has been done for a long while. Every day in front of the Lowell building Flagg and Rarton have been hurling the lead ball and their form is now very good. Scharff and Ruckman will also show up in this event.

In the half mile Gimson seems to be the most probable winner. White looks good for a second place.

The high jump presents a good deal of a riddle as it is not certain whether or not Rapelye will enter the event. As it is the entries to date include Allen, Schobinger, Stuart, Elwell and Nagle, of these men Allen and Stuart are easily the best.

A new broad jumping pit has been put in at the Field on account of the fact that the Intercollegiate meet will be held there this spring, and it will be ready for use at the meet tomorrow. The object in putting it in was to obviate the conflict that has in the past always taken place between the men who are pole vaulting and the men who are broad jumping. The runway is parallel to the pole vaulting strip and is further in from the edge of the track. More cinders will be put on later to get it in better condition.

There have also been some new vaulting and jumping standards put up. They consist of heavy uprights placed securely in the ground with steps on the side to enable the men to put up the cross bar for the pole vault. It has been very carefully tested for the heights marked on the sides.

The new iron lockers have arrived at the field house and have now been nearly all erected. They are being reserved for the men who have won the T in track.

The entries to date for the meet are: 100 yard dash—K. D. Fernstrom 1910, C. W. Gram 1909, F. C. Dolke 1911, J. H. Ruckman 1910, H. Lockett 1910, G. B. Cummings 1910.

220 yard dash—P. Hart 1910, K. D. Fernstrom 1910, C. W. Gram 1909, H. J. Ruggles 1908, G. B. Cummings 1910, H. Lockett 1910, W. J. Seligman 1911, F. D. Stewart 1910.

120 yard high hurdles—K. D. Fernstrom 1910, G. B. Cummings 1910, F. F. Bell 1910.

220 yard low hurdles—K. D. Fernstrom 1910, C. P. Kerr 1911, G. B. Cummings 1910.

440 yard dash—P. Hart 1910, H. J. Ruggles 1908, P. D. White 1911, G. B. Cummings 1910, B. L. Gimson 1908, H. Lockett 1910, W. C. Salisbury 1911, H. W. Blackburn 1908, L. A. Loomis 1908.

880 yard run—P. D. White 1911, B. L. Gimson 1908, H. W. Blackburn 1908, W. C. Salisbury 1911.

One mile run—L. O. Mills 1910, P. D. White 1911, H. H. Howland 1908, C. P. Eldred 1911, W. T. MacCreadie 1911, S. M. Niles 1911.

(Continued on page 3.)

NEW EDITION BY TECH PROFS.

Water and Sewage Bacteriology Off Press Necessitated by Advancement.

Professors Prescott and Winslow have brought out a new edition of their work on Water and Sewage Bacteriology through the press of John Wiley, New York. The book has been almost entirely rewritten and is now the standard American work on the bacteriological analysis of water and sewage.

Since the appearance of the first edition, the bacteriology of water has advanced by leaps and bounds so that it now stands on a firmer basis than ever and is probably the most ready, accurate and practical method of water examination at the disposal of sanitarians. A new section has been added on the bacteriology of sewage effluents in recognition of the rapidly growing importance of this branch of the subject.

NEW BOOK ON TYPHOID.

Institute Grad the Author. Prof. Sedgwick Writes Introduction.

An important volume on "Typhoid Fever: Its Causation, Transmission, and Prevention" is shortly to be published by George C. Whipple, graduate in 1889 and a consulting sanitary engineer of New York city, who has already published important treatises on "Microscopy of Drinking Waters," "The Value of Pure Water," etc. For the new volume Professor Sedgwick is to write an introduction.

ROARING FUN PREPARED FOR TECHNOLOGY NIGHT.

HIPPODROME STUNTS READY.

Freshman Band to Make Noise, Architects Parade, Fresh-Soph Relay Race.

All is ready for a Tech Night at the Boston Hippodrome that will be remembered. The architects, the freshman band, two relay teams, the gymnastic team with boxers, and perhaps the civil engineers will help to make the fun. The management has given The Tech enough passes to fully furnish the teams and other Tech men who are to perform.

For the noise producer a number of members of the freshman band have come forward. They will appear in uniform in the procession followed by the Tech contingent. Those who are to play are H. L. Robinson, cornet; C. S. Robinson, alto horn; R. N. Dobie, cymbals; A. G. Jencks, bass horn; W. J. Seligman, bass drum operator; S. A. Francis, bass drum carrier; F. C. Dolke, snare drum; J. R. McCune, alto horn; R. B. Pulsifer, snare drum; J. C. Fuller, fife; H. M. Smith, cornet; H. C. Soule, bass horn; R. T. Haslam, drum major.

The exciting athletic event will be the freshman-sophomore relay race. Great schemes have been worked up in the way of costumes, unconventional, and mayhap outrageous, for the members of both teams are keeping things very secret.

The sophomore line-up will be: F. B. Stewart, captain; H. Lockett, L. Kalbach, R. S. Breyer, E. M. Potter, C. J. Briggs, G. B. Cummings, P. Hart, D. C. McMurtrie, E. Stuart, F. M. Adler.

The freshman team will be made up from: W. J. Seligman, captain; D. R. Stevens, F. C. Dolke, N. N. Prentiss, W. T. MacCreadie, W. C. Salisbury, L. G. Glazier, C. P. Kerr, L. Odell, G. S. Gould, L. C. Cooley, C. M. Spencer, G. B. Winslow, L. DeFlores, T. B. Parker.

The architects have all plans made for a parade that will outshine the regular production. All of the architects are to be present, at least all from the upper classes. It is very probable that there will be floats, arrangements being made for them. A. N. Rebori will be announcer and ringmaster.

The civil engineers are as yet undecided whether they will put out a parade. The architects claim that the civil engineers have not the ingenuity

(Continued on page 3.)

FRESHMEN PLAY TODAY.

In the game today between the freshman team and Volkmann, the 1911 batting order will be T. F. McLaughlin cf, F. M. O'Neill 2b, H. D. Williams c, F. W. Covill lf, W. W. Johnson 3b, L. G. Odell 1b, T. B. Parker ss, R. E. Schatz rf, S. I. Blum p, G. A. Cowee p, L. de Florez p. Substitutes will be F. A. Wood and G. C. Kenney. The game is to be played at Allston.

All candidates for the team will meet on Rogers steps at 1 o'clock today.

MECHANICS MEN TO MEET.

At the Union Tuesday evening the Mechanic Arts High School Club will hold its third annual dinner, with headmaster Charles W. Parmenter and junior masters Roswell Parish and William Fuller as guests from the school. J. W. Howard of the civil engineering department, M. A. H. A. 1899, will speak on the courses of study at the Institute; John Tobin 1908, M. A. H. S. 1903, on the importance of student activities, and R. B. Weiler 1908, M. A. H. S. 1903, founder of the club, on the future of the club. Music will be furnished by the M. A. H. S. orchestra of thirteen pieces.

Members of the senior and post-graduate years at the high school have been invited and also all Mechanics men at Tufts and Harvard. Many of the one hundred M. A. H. S. men at the Institute have signified their intention of being present.

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Friday, April 10, 1908.

INSTITUTE AND CLASS.

Tomorrow will be held the annual spring track meet and class games. It is in all respects the best athletic event of the year which concerns Technology men alone. For that reason if for no other every Tech man should be present at the meet.

But the event also decides the spring class championship in track athletics. All the classes have entries and there is the keenest kind of competition between the men entered in the contests. To these men is due the support of their class-mates. Therefore if a man belongs to any class at the Institute he should be on hand Saturday; if he does not belong to any class he may have a slight reason for staying away.

COMMUNICATION.

To the Editors of The Tech:—

Technique 1909 accepts the challenge of The Tech for the press championship of the Institute, but thinking it unfair that The Tech should make all the conditions, proposes the following additional terms:

1a. That as many of The Tech team attend the Junior Prom as do members of the Technique nine, or else

1b. That the date be changed to 4 A. M., Wednesday, April 22, or some other suitable time.

2. That there be something on third base to make a three-bagger worth while, to be supplied by the losing team.

If an agreement can be reached on a basis of these conditions, Technique throws down the gauntlet, and thirsts for the blood of The Tech.

Technique 1909.

LAY ON MacDUFF.

Since The Tech expects to support the Junior Prom enthusiastically in both editorial and reportorial capacity, it snatches up the above mentioned gauntlet and accepts all of the several terms proposed by Technique 1909 with the single exception of one sub b. For, as usual, The Tech is earnest and anxious to bleed for any deserving student activity.

ATHERTON PRESIDENT OF Y. M. C. A.

Rev. R. F. Leavens Speaks. Bible Classes Started.

Officers of the Y. M. C. A. for the coming year have been elected. The poll resulted in the following elections: Pres.—T. Henry Atherton. Vice-Pres.—Myron M. Davis. Rec. Sec'y—Robt. E. Doane. Treas.—John N. Brooks.

Rev. Robert F. Seavens of the Arlington St. Church was the speaker at the weekly meeting yesterday. Mr. Seavens gave a talk which was especially appropriate for the Lenten season. He said: "In this season, Christ becomes a present living influence, we live with Him and He with us. If we see His standard, the Easter season of the year will especially help us to raise our own."

A fine opportunity for Bible study and discussion is offered by Rev. Wm. H. Van Allen of the Church of the Advent. This class meets at the rooms of the Authors' club in the Kensington, corner Boylston and Exeter Sts. Mondays at 6.45 P. M. There will be only four meetings of the class. Rev. Van Allen is an efficient teacher.

Another class which meets with Mr. Brock in 5 Eng. B Mondays at 4.00 P. M. is studying "The Satan of Scripture." All are welcome.

ARTHUR CLINTON RICHMOND 1908.

A. C. Richmond 1908, Course III, died at East Taunton on Monday, April 6, from nervous breakdown brought on by overwork and worry. Richmond entered the Institute with 1908, but was forced to remain out a year on account of congestion of the lungs, returning last year to continue his course. He left the Institute last June to secure money to continue, and had been working as Professor Richards' private assistant up to a few days before his death. He had recently received an advance in salary on account of his good work. His death comes as a great shock to his parents, Professor Richards, and his co-workers in the mining department.

The funeral will be held Saturday, at 12 M. from the home of his sister, Mrs. Isabel R. Gammons of Taunton. A party of Institute men are to attend. Those who wish to attend may take the train to Taunton from Back Bay station at 8.45 A. M. Saturday. A trolley car will be taken from Taunton to Chase's corner, a ride of 20 minutes. There will be some one at the station at Taunton to meet the party. The mining department students are to send flowers. Several Institute men will be pall-bearers.

HITS IN MUSICAL CONCERT.

Junior Week Event Promises Catchy Numbers

Hard work on the part of all concerned in preparing the Musical Clubs for a spring concert equal to or better than any in their history. The Mandolin and Banjo clubs are practicing twice a week and the Glee Club is rehearsing every noon and getting good results.

An attractive program has been arranged with many catchy numbers. The Glee Club has several new pieces including a couple of standard favorites and some humorous encores that have made a hit every time they have been given. The Mandolin Club has not performed any of its spring numbers in public yet but judging from the strains that have lately been issuing from its rehearsals something worth while is coming from it. The Banjo Club has some sure hits as usual, among them a medley of college songs and a march with chances for the members to show their versatility to good advantage.

The concert will be given in the New Century Building as usual, and will be followed by a dance of fourteen numbers. The prices are moderate, \$1.00 for orchestra seats with the privilege of attending the dance afterwards and 50 cents for balcony seats for the concert only, so a large attendance is hoped for. In the past this concert has always been one of the most popular of the season's activities.

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LOVE AND MATCHMAKING.

(Continued from page 1.)

ture Bob's hand. Finnie, as Haddon the cab driver has but a small part, but he carries it out well and introduces a little comedy which is quite diverting. Catching, as the negro has also a humorous part.

In the second act Bob has returned from his trip, and has fallen in love with Margery, still under the apparent disfavor of her father. He has made arrangements to elope with her over the wall between their houses, but decides to obey her father, much to the disgust of that venerable deceiver. Finally her father's words about Bob and Helen Sealyle decide her to elope after all, and they are caught in the act and forgiven. Dick and Stella are then ready to marry. Of course, Helen finds a man, and the Irish and Italian servants pair off like so many robins.

MADE NAVAL CONSTRUCTORS.

Six Ensigns at Institute Advanced. Given Rank of Lieutenant.

Six ensigns in the navy, who have been studying at the Institute for the past two years, were given official appointments Wednesday, making them assistant naval constructors and giving them the rank of lieutenant, junior grade. They are Edwin O. Fitch Jr., a Boston man; Robert B. Hilliard of New York, John C. Sweeney Jr. of Tennessee, J. O. Gawne of New York, Lee S. Border of Iowa and A. B. Court of Texas. All are of the naval academy classes of 1904 and 1905.

Lieuts. Fitch and Hilliard graduated in the class of 1904, after having passed the regular course of four years. On their graduation they were sent to sea and assigned to the Asiatic station, where they remained for two years, when they were advanced to the grade of ensign.

MINERS HEAR FROM GRAD.

W. Spencer Hutchinson M. I. T. 1892 gave an interesting talk on "Mining in Ontario" before the Mining Engineering Society dinner at the Union on Tuesday evening.

ROARING FUN PREPARED.

(Continued from page 1.)

or courage to compete with them in an exhibition of this kind.

Mr. Towne has made arrangements for a pair of blind-folded boxers, and perhaps two. He also promises that some stunts will be given the gym team, those of a funny variety rather than anything of serious difficulty. The fellows were at first chary of competing with the professional gymnasts of the show, but will have no need to fear of comparison in these special stunts.

SPRING MEET TOMORROW.

Two mile run—C. L. Batchelder 1909, R. Ellis 1909, J. D. Meckenzie 1911, J. N. Stephenson 1909, J. Schaaf 1909, H. H. Howland 1908, W. H. Hildebrand 1911, M. Ames 1908, H. R. Callaway 1908, L. C. Cooley 1911, W. C. West 1911, H. S. Howe 1909, C. S. Clapp 1908, H. I. Pearl 1910.

Shot put—J. H. Ruckman 1910, R. H. Allen 1909, F. Moore 1909, W. Morrison 1908, M. E. Allen 1908, L. D. Nisbet 1909, F. J. Friedman 1908, M. R. Scharff 1909.

Hammer throw—M. Flagg 1909, F. A. Burton 1910, M. R. Scharff 1909, J. H. Ruckman 1910, M. E. Allen 1908.

Discus throw—L. D. Nisbet 1909, M. E. Allen 1908, F. Moore 1909, J. H. Ruckman 1910.

High jump—A. R. Nagle 1910, H. R. Elwell 1910, G. Schobinger 1908, R. H. Allen 1909, E. Stuart 1910, K. D. Fernstrom 1910.

Broad jump—G. Schobinger 1908, T. W. Orr 1908, J. A. Christie 1909, J. H. Ruckman 1910.

Pole vault—T. W. Orr 1908, G. Schobinger 1908, W. D. Allen 1911, W. C. Salisbury 1911.

TECHNIQUE MAY BE SEEN.

Technique 1909 has placed two copies of Technique 1908 on the tables of the General Library. These copies have been turned over to the Institute Library authorities and are not to be taken from the room. They will be placed with the regular library books on the desk, for general use.

The 1909 board of publication hopes by thus giving an opportunity for all to see last year's book, to give all a proper idea of what Technique really is.

The Technology Review

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The Review aims to develop closer relations among Institute men and to stimulate their interest in the work of the College. It is in no sense an engineering magazine, but deals broadly with the problems of Technological Education and the responsibilities of the professional man.

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CALENDAR.

Friday, April 10.

- 1.00 P. M. Class Day Picture at Notman's, 384 Boylston St.
- 1.00 P. M. Newton High School Club Meets in 26 Rogers.
- 1.30 P. M. Glee Club Rehearses in 26 Rogers.
- 3.00 P. M. 1911 vs. Volkmann at Allston.
- 4.00 P. M. Tech Show Chorus Rehearses at the Union.
- 4.00 P. M. Track Team Reports at the Field.
- 4.15 P. M. Banjo Club Rehearses in 33 Rogers.
- 4.00 P. M. Lecture on "Electricity in Mining" in 2 Rogers.
- 8.00 P. M. Tech Night at the Hippodrome.

Saturday, April 11.

- 9.00 A. M. 1910 Ballots Due.
- 2.00 P. M. Tech Show Principals Rehearse at the Union.
- 2.30 P. M. 1911 vs. Waltham at Waltham.

Monday, April 13.

- 1.30 P. M. Glee Club Rehearses in 26 Rogers.
- 2.30 P. M. Northampton Show Tickets Must be Taken.
- 3.00 P. M. Track Team Practices at the Field.
- 4.00 P. M. Tech Show Chorus Rehearses at the Union.
- 4.15 P. M. Mandolin Club Rehearses in 31 Rogers.

NOTICES.

TRACK TEAM.—Practice daily at 3 P. M. at the Field.

NEWTON HIGH SCHOOL CLUB.—Meeting today at 1.00 in 26 Rogers.

TECH SHOW.—Northampton seats will not be held after Monday at 2.30.

CLASSIFIED ADS.

Advertisements of this kind under different classifications are inserted at the rate of five cents a line, averaging six words to a line, payable in advance.

WANTED.—Hoffman's "Metallurgy of Iron and Steel." A. C. Nichols 1908, 41 B. or note at Cage.

WANTED.—500 more subscriptions to Technique 1909.

LOST.—A first year math. book. Finder please return to the Cage for Richard H. Ranger.

Men who desire summer work at \$2.50 per day, leave note for Woodruff at the Cage. ATTEND TO THIS NOW.

FOR SALE.—Dress suit, comparatively new, custom made, size—coat 34 in., trousers 30x32 in. Price, \$15.00. Address M. F. P., care of Cage.

CAMERA FOR SALE.—A Century 4x5 camera with unusual good lens, for sale. Exchange for Eastman Folding Kodak will be considered. Address Box 24, the Cage.

FOR SALE.—Indian motorcycle, new last September, run only 312 miles; guaranteed in perfect condition. \$145 cash, cost \$210. For further particulars leave note at cage for T. F. W. Meyer.

FOR SALE.—Technique 1909 has a few subscriptions to the Engineering Record, the Street Railway Journal, and the Electrical World, which will be sold at \$2.50 as long as they last. Regular price \$3.00.

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